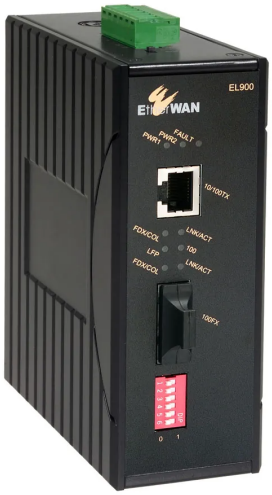
EL900 シリーズ

産業用 10/100BASE-TX と 100BASE-FX 変換するメディアコンバータ



概要

EL900 シリーズは 10/100BASE-T と 100BASE-SX-LX を変換するメディアコンバータです。耐衝撃、抗振動、ノイズ除去、-40～75°C 広範囲温度対応の頑丈なアルミケース仕様で、過酷な環境下での稼働を確保できるように設計しています。電源入力は 3種類から選択可能で、リンク ダウン アラーム、LFP 機能、多種の回線選択を装備しており、過酷な環境での使用に最適なメディアコンバータです。

EtherWAN — "When Connectivity is Crucial."

特長

ISA 12.12.01 認定

危険な場所、爆発が起こりやすい環境向けのUL ISA12.12.01 Class I 認定、Division 2 classified 対応

広動作温度対応

-40 から 75°C までの広範囲動作温度に対応し屋外キャビネットにも最適です。

Link-Fault-Pass-Through (LFPT)

LFPT 機能でネットワーク管理者にネットワークの接続状態を通知。

回線断の場合 LFPT 機能はイーサネット ポートを停止し、接続機器に通知を発出します。逆の場合も同様です

仕様

Technology

Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX and 100BASE-FX

IEEE 802.3x Full duplex and flow control

Forward and Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

Packet Buffer Memory

128K bits

Processing Type

Store-and-forward

Auto Negotiation

Half-Duplex back-pressure and IEEE 802.3x Full-Duplex flow control

Auto MDI/MDIX

Interface

Ethernet Ports

10/100BASE-TX: 1 ports

100BASE-FX: 1 ports

LED Indicators

Per Unit: Power1, Power2, Alarm

Per 10/100BASE-TX port: Link/Activity, 100, Full-Duplex/Collision, LFPT

Per 100BASE-FX port: Link/Activity, Full-Duplex/Collision

Relay Contact

Dry contact with current 0.6A/30VDC

Environment

Operating Temperature

-40 to 75°C (-40 to 167°F)

Storage Temperature

-40 to 85°C (-40 to 185°F)

Ambient Relative Humidity

5% to 95% (non-condensing)

Power

Input

10-48VDC (DC Terminal Block)

12VDC (DC Jack)

Power Consumption

3.84W Max., 10-48VDC, 0.29-0.08A

Protection

Overload Current Protection

Reverse Polarity Protection

Mechanical

Casing

Aluminum Case

IP30

Dimensions

50 x 110 x 135mm (W x D x H)

(1.97" x 4.33" x 5.31")

Weight

0.8Kg (1.76lbs.)

Installation

DIN-Rail (top hat type 35mm) or panel mounting

Regulatory Approvals

ISO

Manufactured in an ISO 9001 facility

Safety

ISA 12.12.01

• Class 1, Division 2 group A, B, C & D for hazardous locations

EMC

FCC Part 15B Class A

VCCI Class A

EN 55022

EN 61000-3-2

EN 61000-3-3

EN 61000-6-3

EMS

EN 61000-6-2

• EN 61000-4-2 (ESD Standards)

• EN 61000-4-3 (Radiated FRI Standards)

• EN 61000-4-4 (Burst Standards)

• EN 61000-4-5 (Surge Standards)

• EN 61000-4-6 (Induced RFI Standards)

• EN 61000-4-8 (Magnetic Field Standards)

Environmental Test Compliances

IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

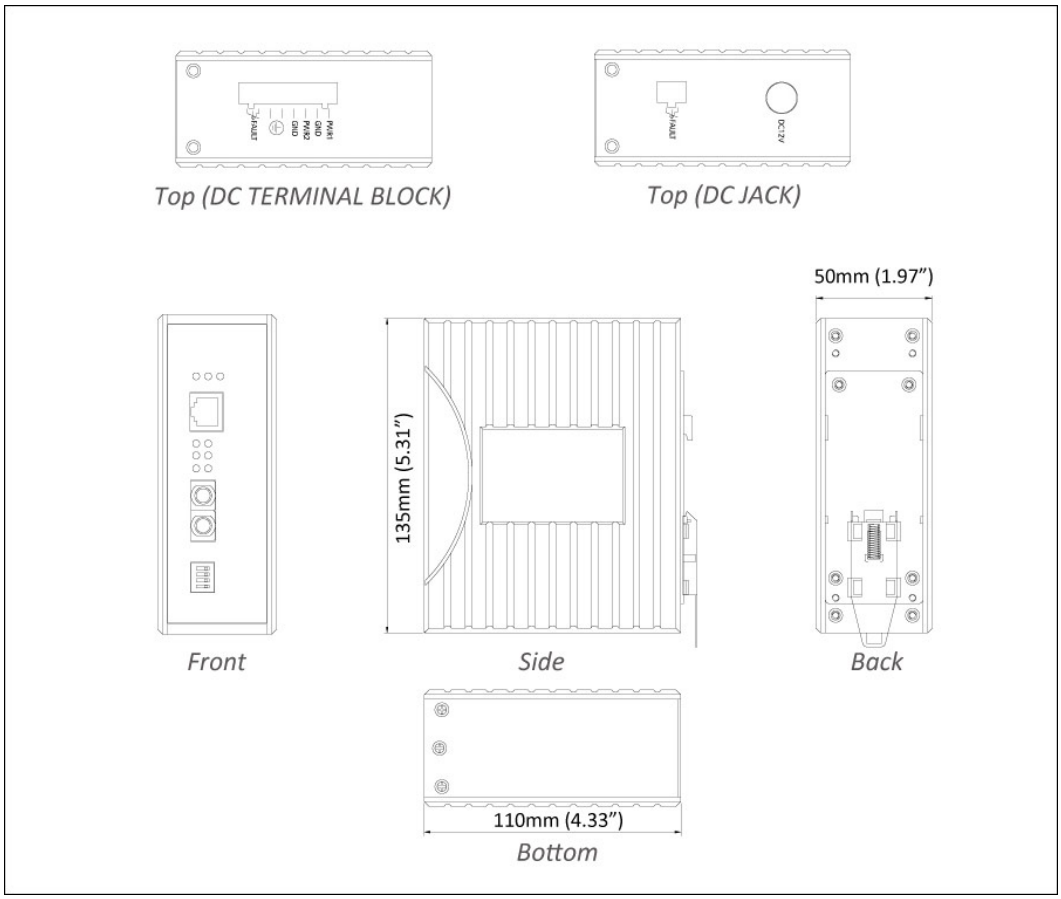
FED STD 101C Method 5007.1 (Free fall w/ package)

IEC 60068-2-27 Ea (Shock)

NEMA TS1/2

* Environmental requirements for traffic control equipment

寸法図


Top (DC TERMINAL BLOCK)
Top (DC JACK)
50mm (1.97")
135mm (5.31")
Front
Side
Back
110mm (4.33")
Bottom

製品型番

Model

EL900-A-Y-1-P	10/100BASE-TX to 100BASE-FX Hardened Media Converter

* DIN-Rail mounting kit included.

100FX Fiber Options (Y)

B	Multi Mode (SC) - 2Km (1310nm)
C	Multi Mode (ST) - 2Km (1310nm)
D	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-2Km
E	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-2Km
F	Multi Mode (SC) WDM-TX: 1310nm/RX: 1550nm-5Km
G	Multi Mode (SC) WDM-TX: 1550nm/RX: 1310nm-5Km
Q	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-20Km
R	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-20Km
S	Single Mode (SC) WDM-TX: 1310nm/RX: 1550nm-40Km
T	Single Mode (SC) WDM-TX: 1550nm/RX: 1310nm-40Km
M	Single Mode (ST) - 20Km (1310nm)
N	Single Mode (SC) - 20Km (1310nm)
O	Single Mode (SC) - 40Km (1310nm)

Power Connector Options (P)

A	DC Terminal Block
B	DC Jack

Optional Accessories

KP-AA96-480	Panel mounting Kit
HDR-30-24	30W/1.5A DIN-Rail 24VDC Industrial Power Supply
HDR-60-24	60W/2.5A DIN-Rail 24VDC Industrial Power Supply
EDR-75-24	75W/3.2A DIN-Rail 24VDC Industrial Power Supply
EX41-145046-1	Power Supply 45W 12VDC with Open Wire (US Input Plug)

EX41-145044-1	Power Supply 45W 12VDC with Latch (US Input Plug)

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